Please insert the following title at page 3, line 7:

--DESCRIPTION OF ILLUSTRATIVE EMBODIMENTS--

Please delete the title "Patent Claims" at page 6, line 1, and replace it with the paragraph:

--What is claimed is:--

In the Claims:

Please cancel claims 1-5 without prejudice.

Please add new claims 6-10 as follows:

6. (new)   A method for power optimization in a vehicle traveling over a route between a start point and a destination, the route being subdivided into a plurality of sections, the method comprising:

allocating a time reserve for the route;

assigning a portion of the time reserve to each section;

adding unused portions of the time reserve proportionally to the remaining route sections as the vehicle travels over the route; and

optimizing the travel mode of the vehicle wherein the time reserves granted to the individual route sections are taken into account as a penalty term in the optimization, the use of time reserve penalized less the closer the vehicle is to the destination.

7. (new)   The method of claim 6, wherein each section of the route is assigned a latest time for passage of the vehicle through the section and the latest times are included as boundary conditions in the optimization.

8. (new)   The method of claim 6, wherein each section of the route is assigned an earliest and a latest time for passage of the vehicle through the section and the earliest and latest times are included as boundary conditions in the optimization.

9. (new)   A method for power optimization in a vehicle traveling over a route between a start point and a destination, the route being subdivided into a plurality of sections, the method comprising:

2

allocating a time reserve for the route;

assigning a portion of the time reserve to each section;

assigning a latest time for passage of the vehicle through each section;

adding unused portions of the time reserve proportionally to the remaining route sections as the vehicle travels over the route; and

optimizing the travel mode of the vehicle wherein the latest times are included as boundary conditions in the optimization.

9. (new)   The method of claim 9, further comprising assigning an earliest time for passage of the vehicle through each section and wherein the earliest times are included as boundary conditions in the optimization.--